

chain nodes :

6 7 16 17 18 19 20 21

ring nodes :

1 2 3 4 5 8 9 10 11 12 13

chain bonds :

1-6 6-7 7-16 16-17 17-18 18-19 19-20 19-21

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-5 1-6 2-3 3-4 4-5 6-7 7-16 16-17 19-20 19-21

exact bonds :

17-18 18-19

normalized bonds :

8-9 8-13 9-10 10-11 11-12 12-13

G1:C,O,S,N, [*1]

G2:O,S

G3:O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS

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Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1613SXW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:32:39 ON 21 NOV 2002

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:32:47 ON 21 NOV 2002

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STRUCTURE FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2

DICTIONARY FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09928242b.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 15:33:06 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 76630 TO ITERATE

09928242

1.3% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L2 0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 15:33:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 13.4% PROCESSED 134108 ITERATIONS 0 ANSWERS

< 36.0% PROCESSED 360264 ITERATIONS 77 ANSWERS

< 40.0% PROCESSED 400000 ITERATIONS 79 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.54

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 249

L3 79 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	140.66	140.87

FILE 'CAPLUS' ENTERED AT 15:34:15 ON 21 NOV 2002
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FILE COVERS 1907 - 21 Nov 2002 VOL 137 ISS 21
FILE LAST UPDATED: 20 Nov 2002 (20021120/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For

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information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s 13 full

L4 7 L3

=> d 14 1-7 ibib abs hitstr

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:59016 CAPLUS

DOCUMENT NUMBER: 136:257030

TITLE: Novel Tricyclic-.alpha.-alkyloxyphenylpropionic Acids: Dual PPAR.alpha./gamma. Agonists with Hypolipidemic and Antidiabetic Activity

AUTHOR(S): Sauerberg, Per; Pettersson, Ingrid; Jeppesen, Lone; Bury, Paul S.; Mogensen, John P.; Wassermann, Karsten; Brand, Christian L.; Sturis, Jeppe; Woeldike, Helle F.; Fleckner, Jan; Andersen, Anne-Sofie T.; Mortensen, Steen B.; Svensson, L. Anders; Rasmussen, Hanne B.; Lehmann, Soren V.; Polivka, Zdenek; Sindelar, Karel; Panajotova, Vladimira; Ynddal, Lars; Wulff, Erik M.

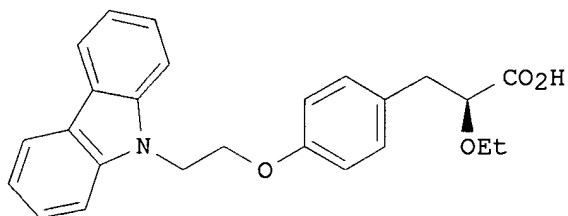
CORPORATE SOURCE: Novo Nordisk Park, Novo Nordisk A/S, Malov, 2760, Den.
SOURCE: Journal of Medicinal Chemistry (2002), 45(4), 789-804
CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



AB Tricyclic .alpha.-ethoxy phenylpropionic acid derivs. such as nonracemic carbazoleethoxypropionic acid I were prepd. and tested for their PPAR.alpha. and PPAR.gamma. agonist activities as potential antihyperlipidemic and antidiabetic agents. Mol. mechanics and X-ray crystallog. data of the complex of the PPAR.gamma. receptor with I were obtained. Db/db mice treated with I showed improved insulin sensitivity over treatment with either pioglitazone or rosiglitazone, suggesting in vivo PPAR.gamma. activity. Rats fed a high-cholesterol diet and treated with I also showed decreased plasma triglycerides and cholesterol after 4 days treatment, indicating in vivo PPAR.alpha. activity. Pharmacokinetics of selected compds. suggested that extended drug exposure improved the in vivo activity of in vitro active compds.

IT 405159-74-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and PPAR.alpha. and PPAR.gamma. agonist activity of tricyclic .alpha.-ethoxyphenylpropionic acids prepd. as potential antihyperlipidemic and antidiabetic agents)

RN 405159-74-2 CAPLUS

CN L-Arginine, mono[(.alpha.S)-4-[2-(9H-carbazol-9-yl)ethoxy]-.alpha.-

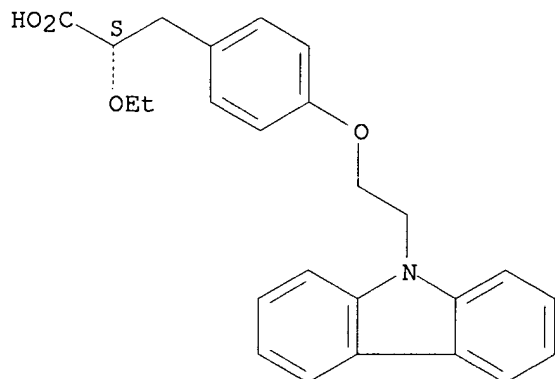
09928242

ethoxybenzenepropanoate] (9CI) (CA INDEX NAME)

CM 1

CRN 265304-43-6
CMF C25 H25 N O4

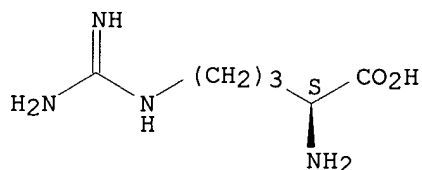
Absolute stereochemistry.



CM 2

CRN 74-79-3
CMF C6 H14 N4 O2

Absolute stereochemistry.



REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:581857 CAPLUS

DOCUMENT NUMBER: 135:152799

TITLE: Preparation of novel heterocyclic derivatives and pharmaceutical compositions containing them as hypoglycemic agents

INVENTOR(S): Lesieur, Daniel; Blanc-Delmas, Elodie; Yous, Said; Depreux, Patrick; Guillaumet, Gerald; Dacquet, Catherine; Levens, Nigel; Boutin, Jean Albert; Bennejean, Caroline; Renard, Pierre

PATENT ASSIGNEE(S): Adir et Compagnie, Fr.

SOURCE: PCT Int. Appl., 67 pp.

CODEN: PIXXD2

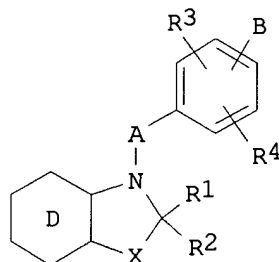
DOCUMENT TYPE: Patent

LANGUAGE: French

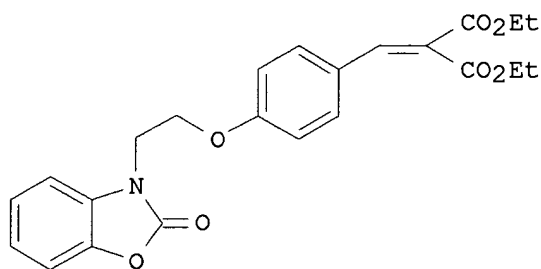
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001057002	A1	20010809	WO 2001-FR304	20010201
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
FR 2804431	A1	20010803	FR 2000-1289	20000202
EP 1252150	A1	20021030	EP 2001-904021	20010201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			FR 2000-1289	A 20000202
			WO 2001-FR304	W 20010201
OTHER SOURCE(S):			MARPAT 135:152799	
GI				



I



II

AB The invention concerns heterocyclic compds. I [X = O, S, CH₂, CHR₂'; R₁, R₂ = H, linear or branched C1-6-alkyl, aryl aryl-C1-6-alkyl, aryloxy, aryl-C1-6-alkoxy, C1-6-alkoxy, OH, NH₂, C1-6-alkylamino, di(C1-6-alkyl)amino; R₁R₂ = O, S, NH; R₂'R₂ = a bond; A = C1-6-alkylene, C1-6-oxaalkylene, C1-6-thiaalkylene, NRa-contg. C1-6-alkylene; B = linear or branched C1-6-alkyl, C2-6-alkenyl, CH₂CHR₅R₆, CH:CR₅R₆, CH₂CHR₅CH₂R₆, CH₂CR₅:CHR₆; R₃, R₄ = H, halogen, R, OR, NRR'; R₅ = C(:Z)Z'; R₆ = C(:Z)Z''; Ra = H, linear or branched C1-6-alkyl, phenylene, naphthylene; R, R' = R'', CMe₂CO₂R''; R'' = H, linear or branched C1-6-alkyl, C2-6-alkenyl, C2-6-alkynyl, aryl, aryl-C1-6-alkyl, aryl-C2-6-alkynyl, aryl-C2-6-alkenyl, heteroaryl, heteroaryl-C1-6-alkyl, heteroaryl-C1-6-

alkenyl, heteroaryl-C1-6-alkynyl, C3-6cycloalkyl, C3-6cycloalkyl-C1-6-alkyl, C1-6-polyhaloalkyl; D = (un)substituted benzene, pyridine, pyrazine, pyrimidine or pyridazine ring; Z = S, O; Z' = OR, NRR'; Z'' = Z'], their enantiomers and diastereomers and their pharmaceutically acceptable acid/base addn. salts. Thus, benzoxazole II was prepd. via N-alkylation of benzoxazolinone with 4-(2-chloroethoxy)benzaldehyde, followed by condensation with di-Et malonate. I were tested for use as a medicament for non-insulin dependent diabetes and hyperlipidemia assocd. with obesity [glycemia reduced 45% at 10 mg/kg].

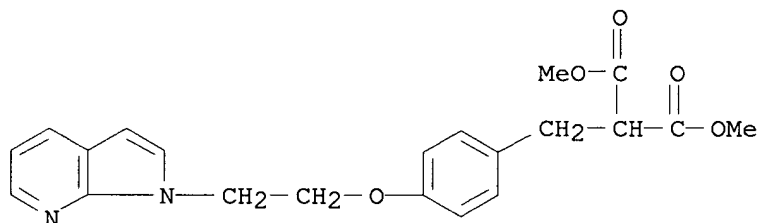
IT 353280-91-8P 353282-77-6P 353283-04-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of novel heterocyclic derivs. for treatment non-insulin dependent diabetes and hyperlipidemia assocd. with obesity)

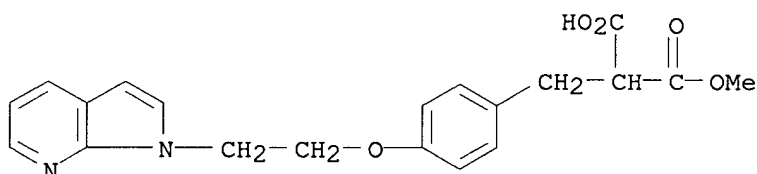
RN 353280-91-8 CAPLUS

CN Propanedioic acid, [[4-[2-(1H-pyrrolo[2,3-b]pyridin-1-yl)ethoxy]phenyl]methyl]-, dimethyl ester (9CI) (CA INDEX NAME)



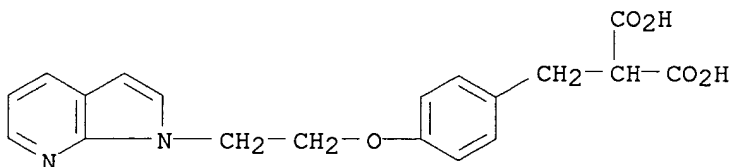
RN 353282-77-6 CAPLUS

CN Propanedioic acid, [[4-[2-(1H-pyrrolo[2,3-b]pyridin-1-yl)ethoxy]phenyl]methyl]-, monomethyl ester (9CI) (CA INDEX NAME)



RN 353283-04-2 CAPLUS

CN Propanedioic acid, [[4-[2-(1H-pyrrolo[2,3-b]pyridin-1-yl)ethoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

4

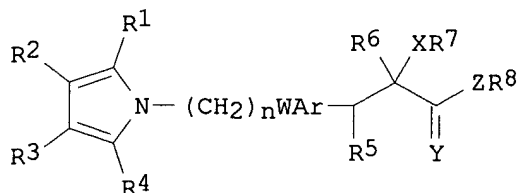
THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

09928242

ACCESSION NUMBER: 2001:545659 CAPLUS
 DOCUMENT NUMBER: 135:137396
 TITLE: Preparation of pyrrolylethoxyphenylethoxypropanoates and related compounds for treatment of hyperglycemia, hypertension, cardiovascular disease, and eating disorders.
 INVENTOR(S): Lohray, Braj Bhushan; Loray, Vidya Bhushan; Barot, Vijay Kumar Gajubhai
 PATENT ASSIGNEE(S): Cadila Healthcare Ltd., India
 SOURCE: PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053257	A2	20010726	WO 2001-IN5	20010117
WO 2001053257	A3	20020627		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 2001048728 A5 20010731 AU 2001-48728 20010117 EP 1250323 A2 20021023 EP 2001-921764 20010117 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			IN 2000-MU57	A 20000119
			IN 2000-57	A 20000119
			IN 2000-BO57	A 20000119
			WO 2001-IN5	W 20010117

OTHER SOURCE(S): MARPAT 135:137396
 GI



AB Title compds. [I; R1-R4 = H, halo, perhaloalkyl, OH, SH, amino, NO₂, etc.; R2R3 = atoms to form a (substituted) 5-6 membered (heterocyclic) ring; R5, R6 = H, or R5R6 = bond, or R5, R6 = OH, alkyl, alkoxy, halo, acyl, (substituted) aralkyl; X, Y = O, S; R7 = H, perfluoroalkyl, (substituted) alkyl, cycloalkyl, aryl, aralkyl, heteroaryl, heterocyclyl, alkoxyalkyl, aryloxyalkyl, etc.; W = O, S, NR₉; Z = O, NR₁₀; R8 = H, (substituted) alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocyclyl,

hydroxyalkyl, etc.; R9 = alkyl, aryl; R10 = H, (substituted) alkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, heteroaryl, etc.; Ar = (substituted) (fused) divalent aryl, heteroaryl, heterocyclyl], were prepd. as drugs (no data). Thus, Et 3-(4-hydroxyphenyl)-2-ethoxypropanoate, K2CO3, and DMF were stirred at 70-80.degree. for 10 min. followed by addn. of 2-(2,5-dimethyl-1H-pyrrol-1-yl)ethyl methanesulfonate (prepn. given) followed by stirring for 5 h at 70-80.degree. and standing overnight to give 89% Et 3-[4-[2-(2,5-dimethylpyrrol-1-yl)ethoxy]phenyl]-2-ethoxypropanoate.

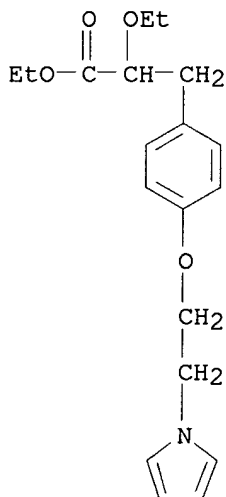
IT 351426-18-1P 351426-19-2P 351426-20-5P
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 351426-27-2P 351426-28-3P 351426-29-4P
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 351426-72-7P 351426-73-8P 351426-74-9P
 351426-75-0P 351426-76-1P 351426-77-2P
 351426-78-3P 351426-79-4P 351426-80-7P
 351426-81-8P 351427-20-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

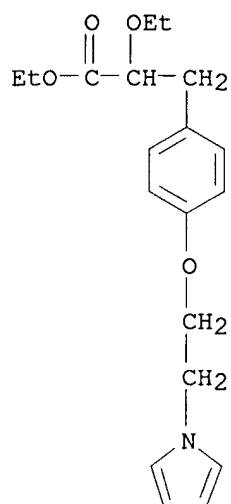
(prepn. of pyrrolylethoxyphenylethoxypropanoates and related compds. for treatment of hyperglycemia, hypertension, cardiovascular disease, and eating disorders)

RN 351426-18-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



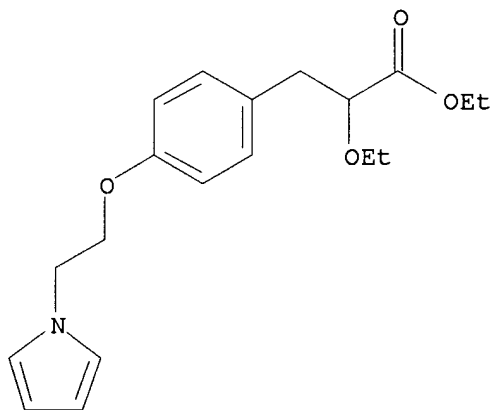
09928242



RN 351426-19-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

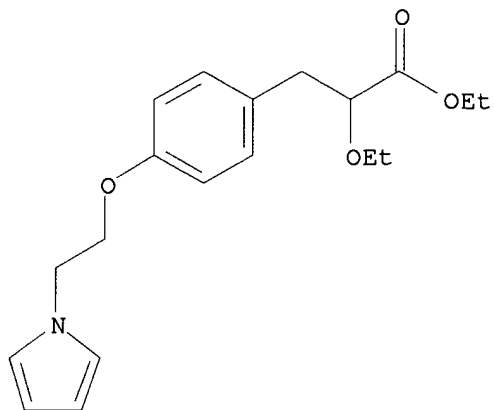


RN 351426-20-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

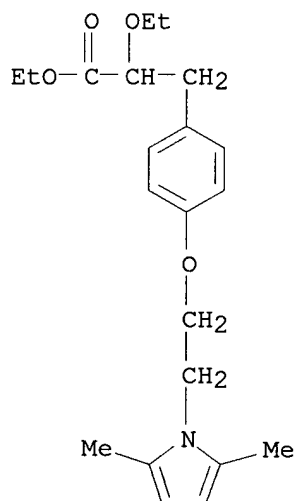
Rotation (-).

09928242



RN 351426-21-6 CAPLUS

CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)

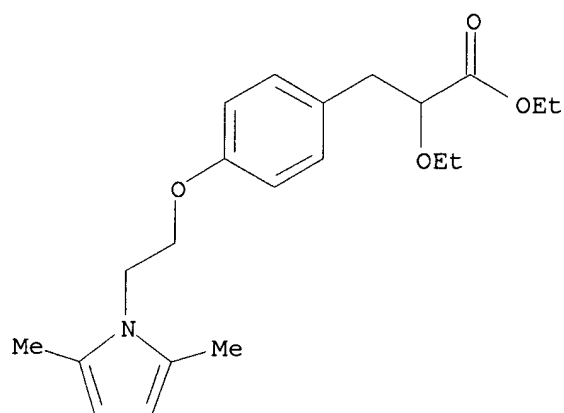


RN 351426-22-7 CAPLUS

CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

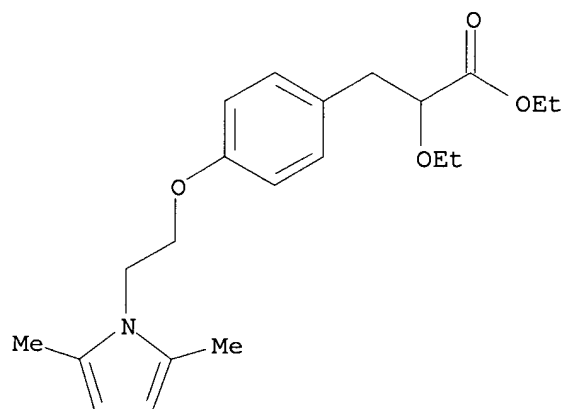
09928242



RN 351426-23-8 CAPLUS

CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

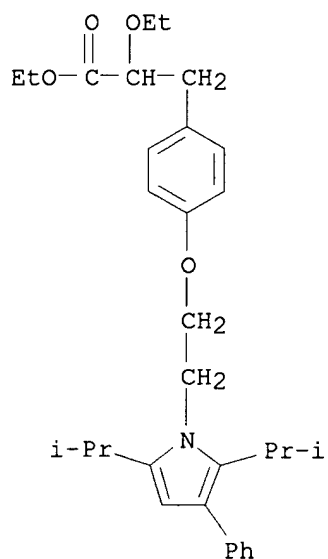
Rotation (-).



RN 351426-24-9 CAPLUS

CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)

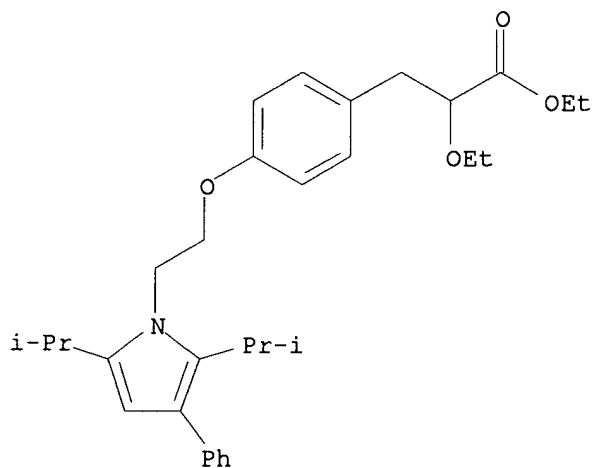
09928242



RN 351426-25-0 CAPLUS

CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

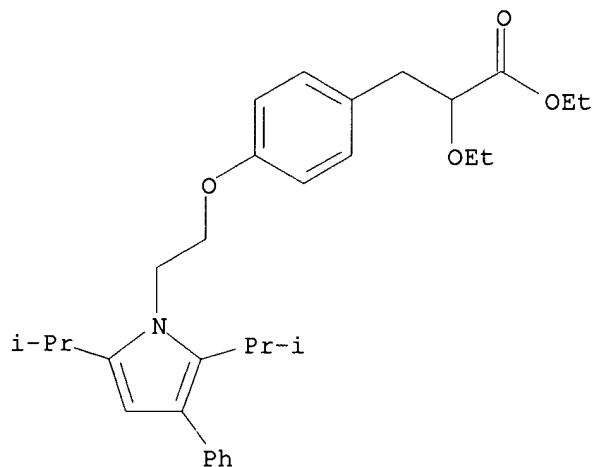


RN 351426-26-1 CAPLUS

CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

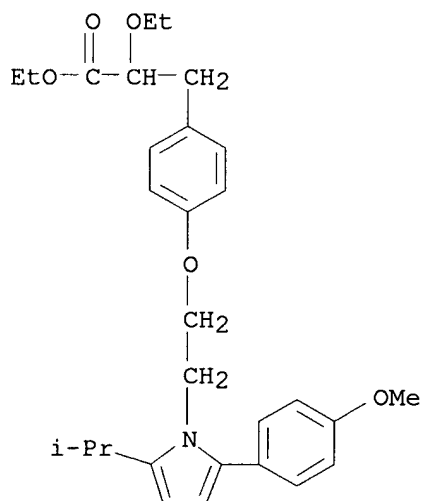
Rotation (-).

09928242



RN 351426-27-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)

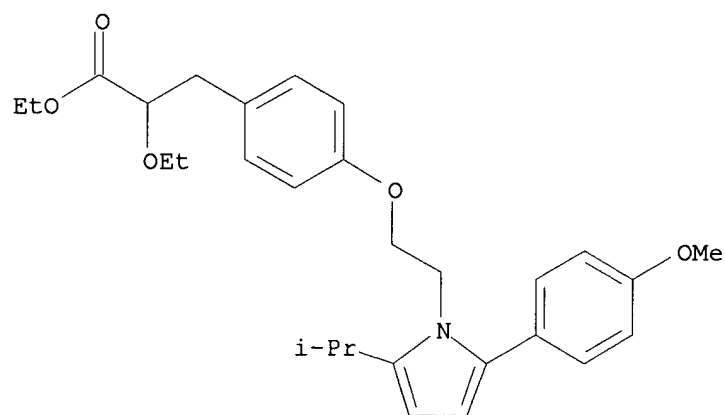


RN 351426-28-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

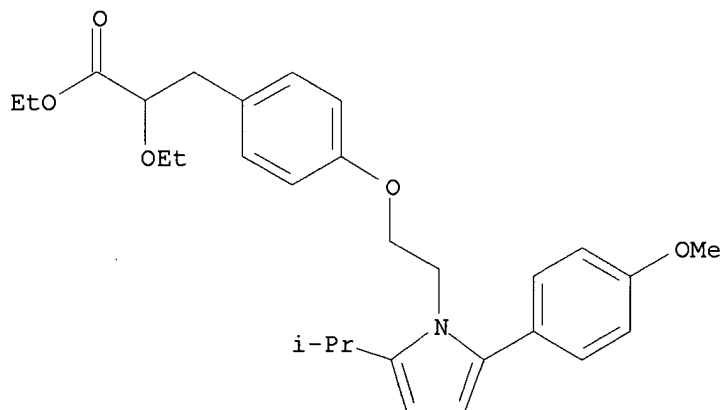
09928242



RN 351426-29-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)-(9CI) (CA INDEX NAME)

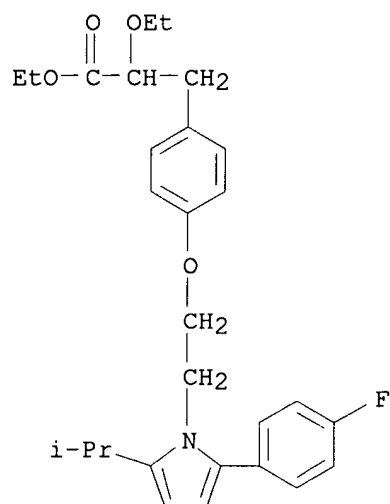
Rotation (-).



RN 351426-30-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)

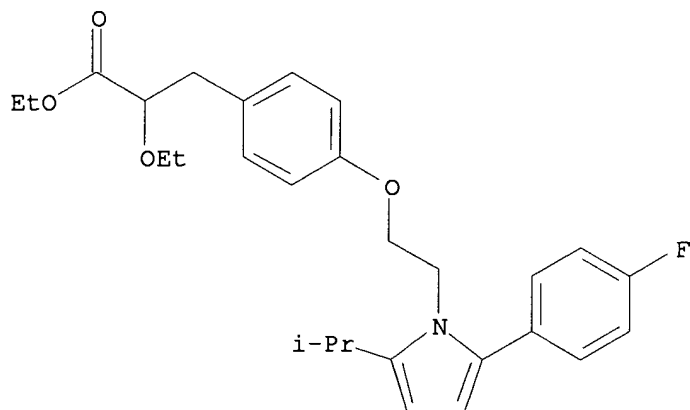
09928242



RN 351426-31-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

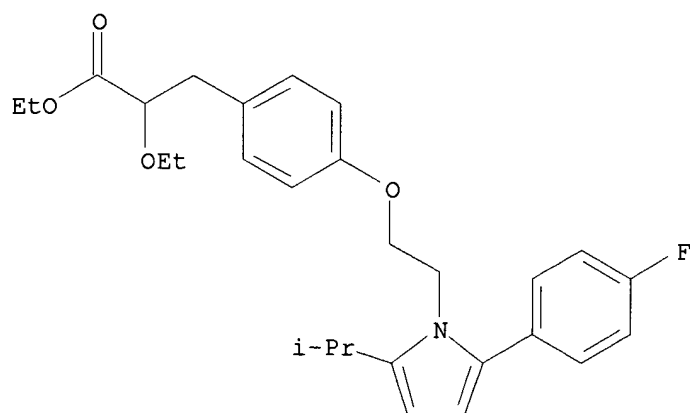


RN 351426-32-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

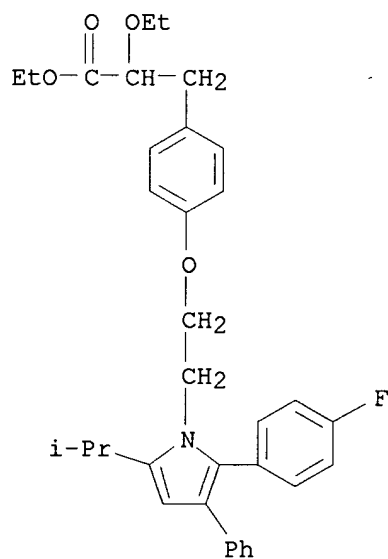
Rotation (-).

09928242



RN 351426-33-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)

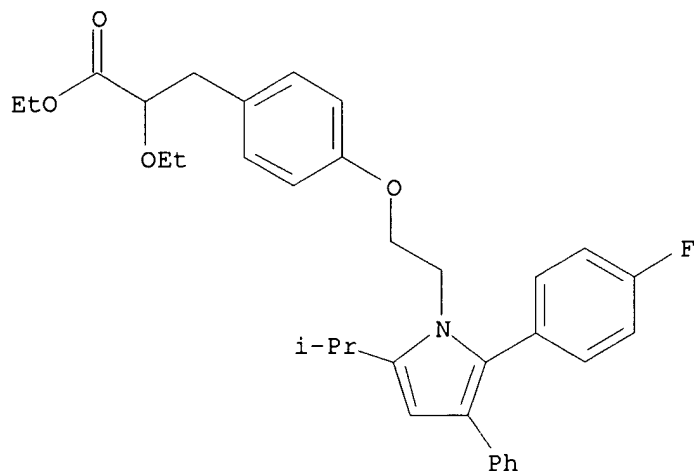


RN 351426-34-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

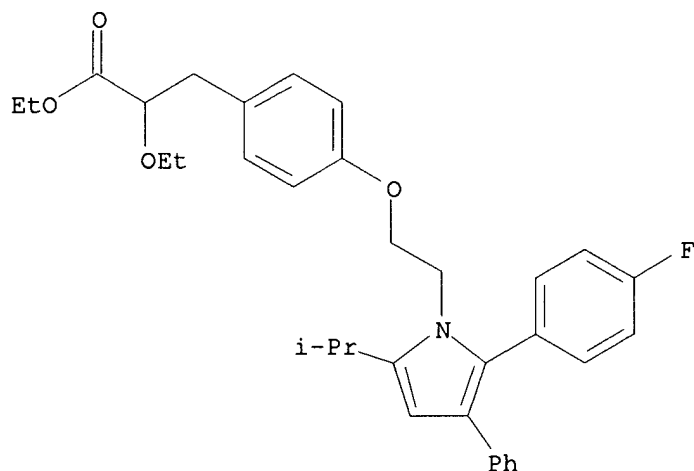
09928242



RN 351426-35-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI)
(CA INDEX NAME)

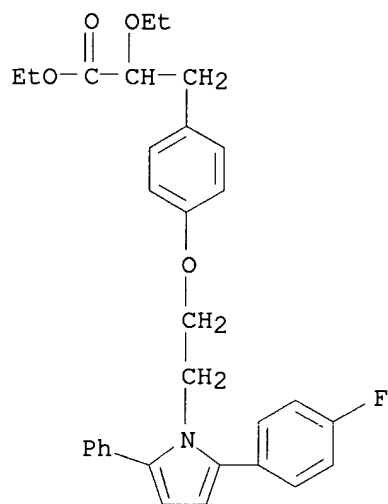
Rotation (-).



RN 351426-36-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)

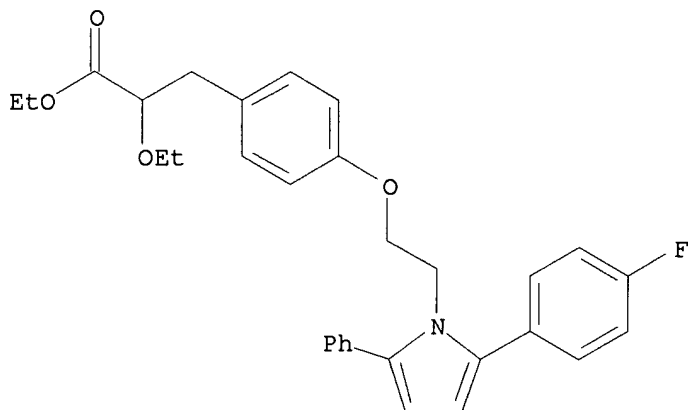
09928242



RN 351426-37-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

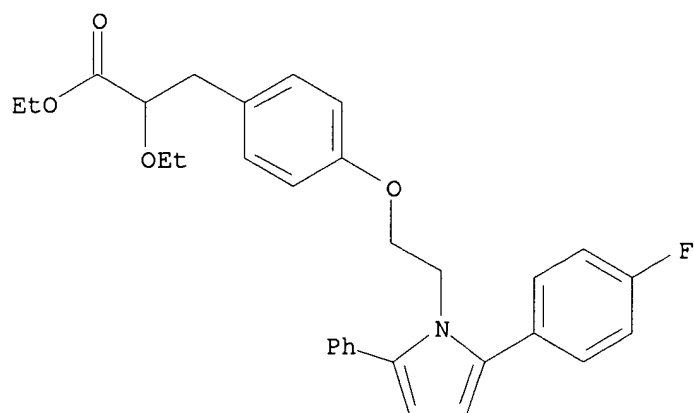


RN 351426-38-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

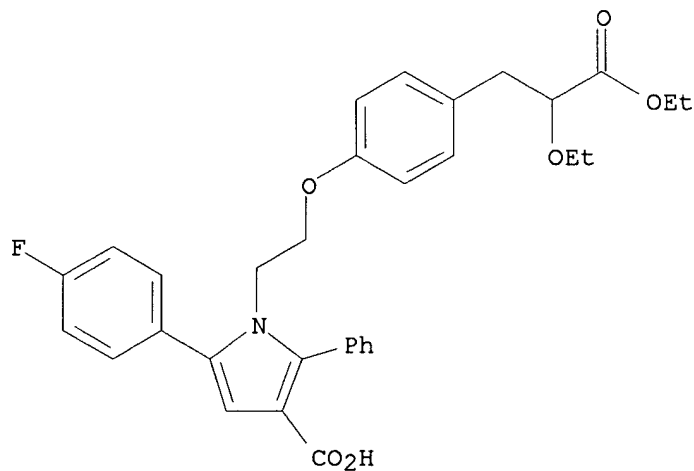
09928242



RN 351426-39-6 CAPLUS

CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (+)-(9CI) (CA INDEX NAME)

Rotation (+).

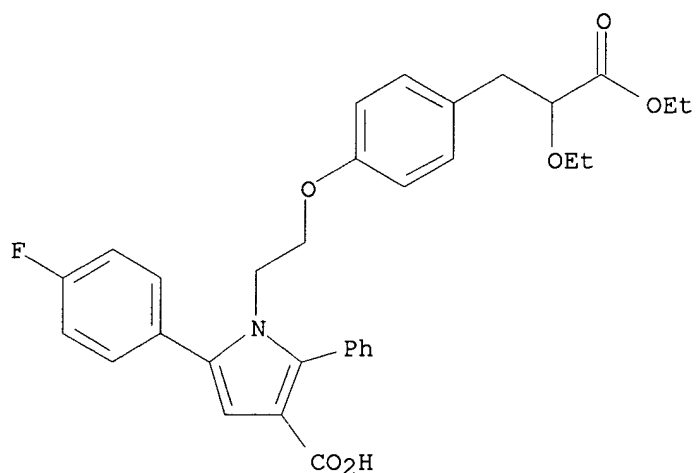


RN 351426-40-9 CAPLUS

CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (-)-(9CI) (CA INDEX NAME)

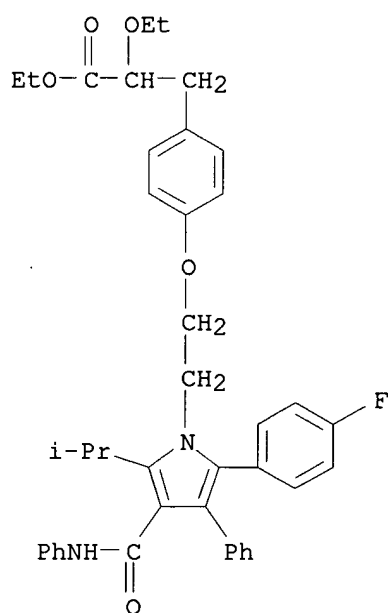
Rotation (-).

09928242



RN 351426-41-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)

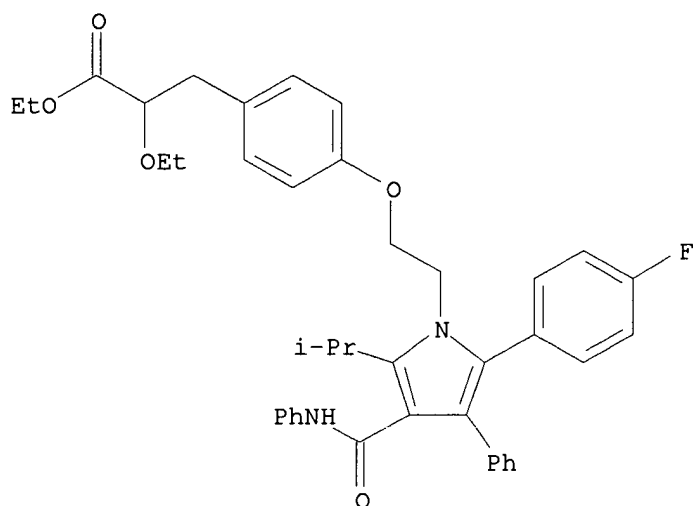


RN 351426-42-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

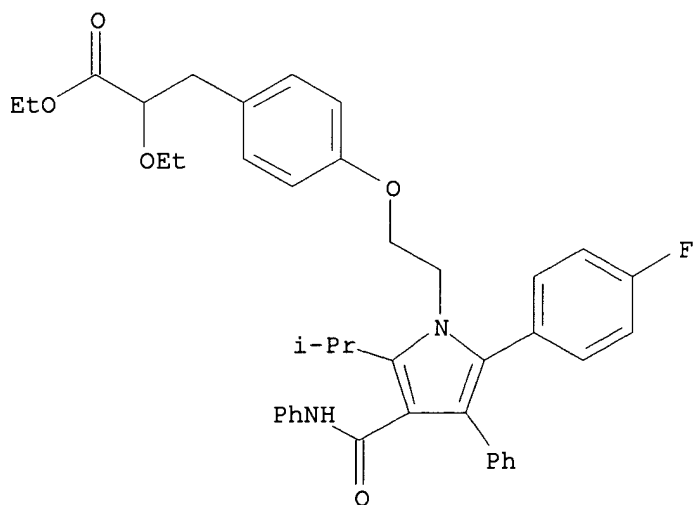
09928242



RN 351426-43-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino) carbonyl]-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)-(9CI) (CA INDEX NAME)

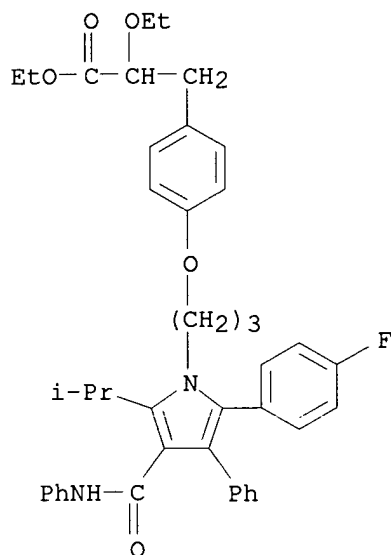
Rotation (-).



RN 351426-44-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino) carbonyl]-1H-pyrrol-1-yl]propoxy]-, ethyl ester (9CI) (CA INDEX NAME)

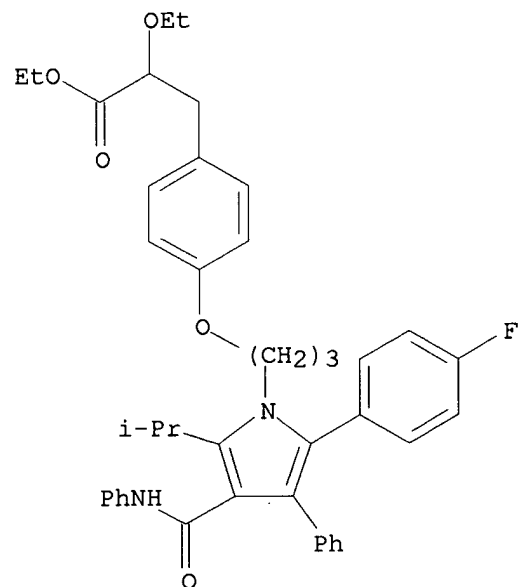
09928242



RN 351426-45-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]propoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

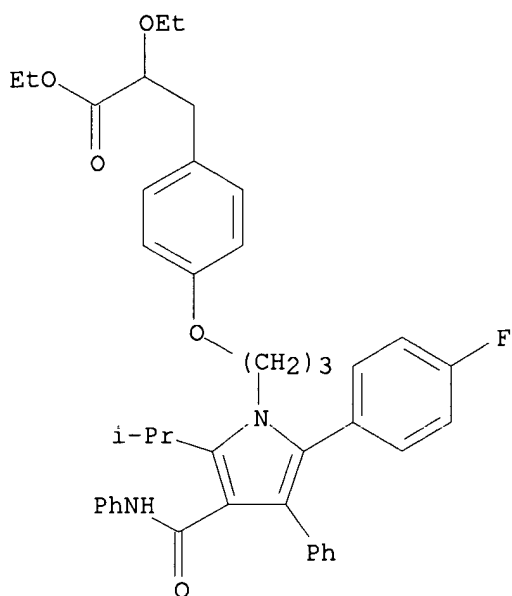


RN 351426-46-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]propoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

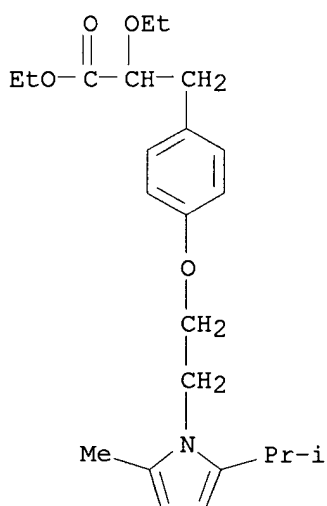
Rotation (-).

09928242



RN 351426-47-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)

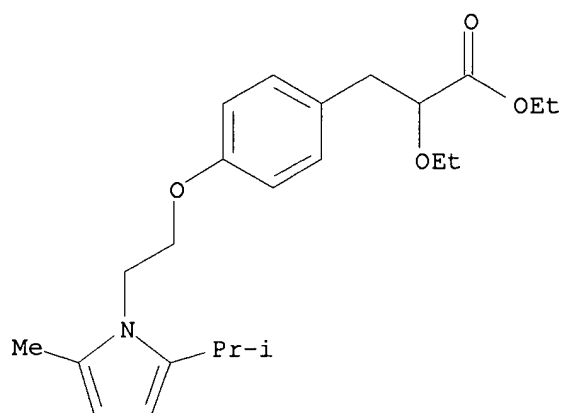


RN 351426-48-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

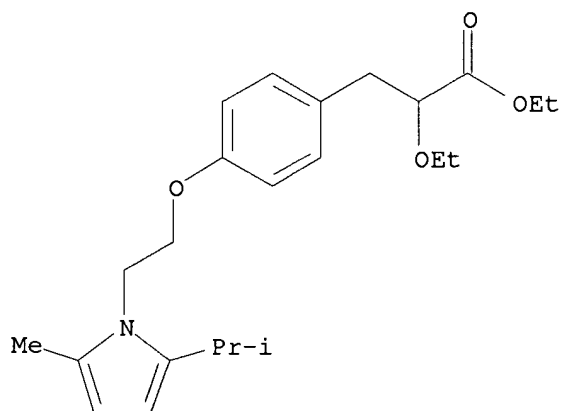
09928242



RN 351426-49-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

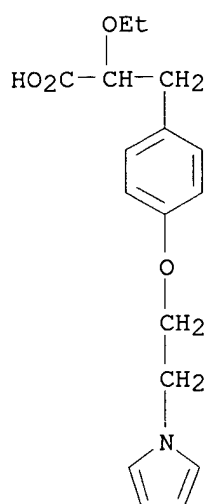
Rotation (-).



RN 351426-50-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]- (9CI)
(CA INDEX NAME)

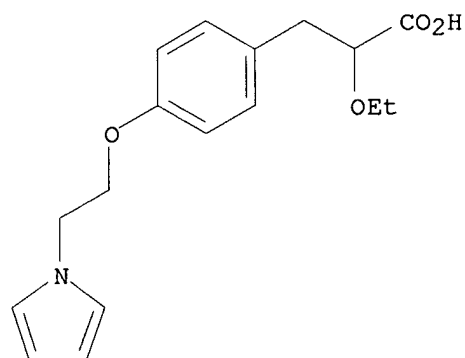
09928242



RN 351426-51-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, (+)-
(9CI) (CA INDEX NAME)

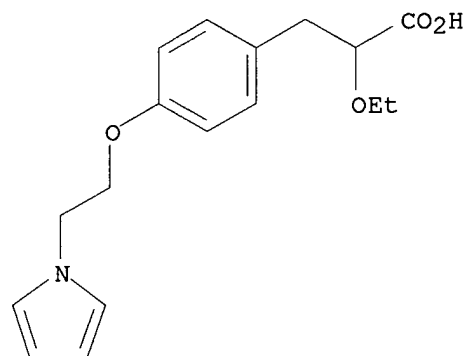
Rotation (+).



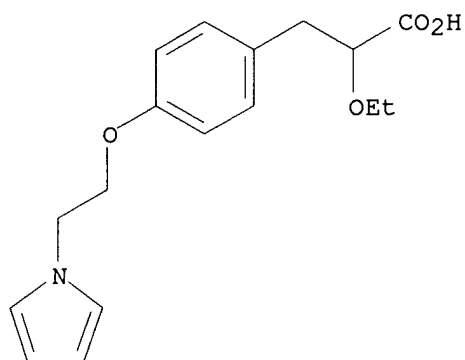
RN 351426-52-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, (-)-
(9CI) (CA INDEX NAME)

Rotation (-).

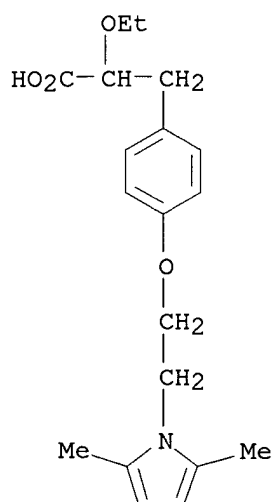


09928242



RN 351426-53-4 CAPLUS

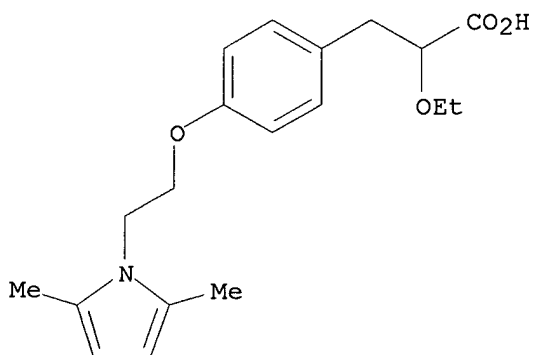
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy- (9CI) (CA INDEX NAME)



RN 351426-54-5 CAPLUS

CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

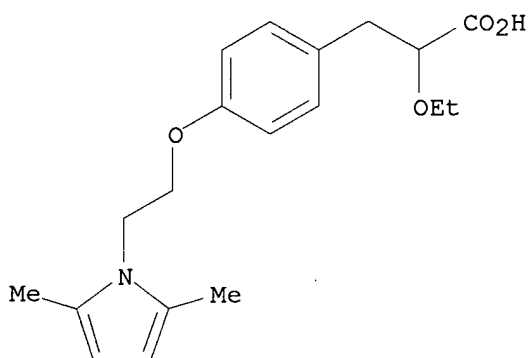


09928242

RN 351426-55-6 CAPLUS

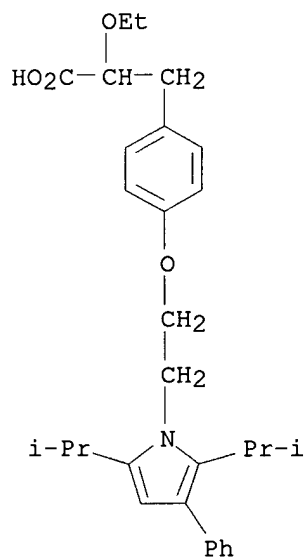
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



RN 351426-56-7 CAPLUS

CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy- (9CI) (CA INDEX NAME)

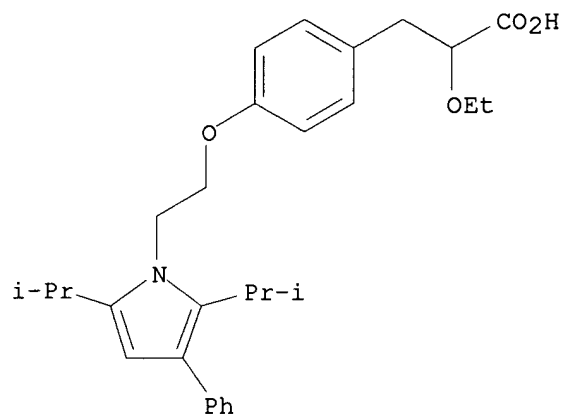


RN 351426-57-8 CAPLUS

CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

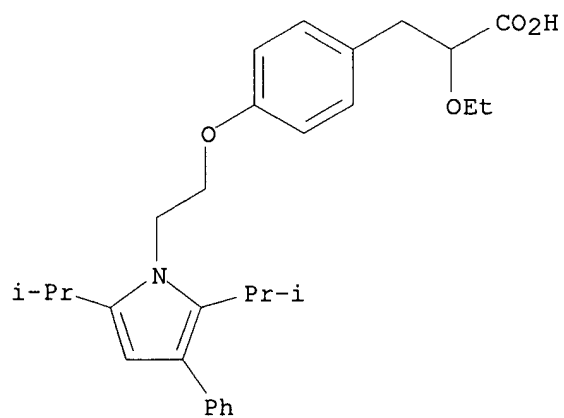
09928242



RN 351426-58-9 CAPLUS

CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, (-)- (9CI) (CA INDEX NAME)

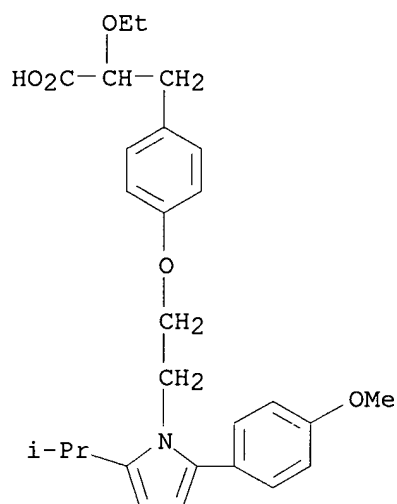
Rotation (-).



RN 351426-59-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)

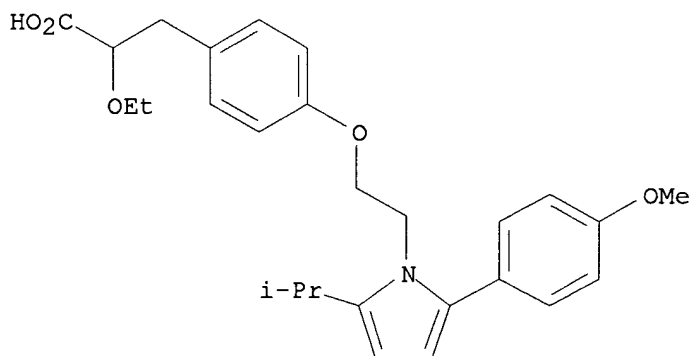
09928242



RN 351426-60-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

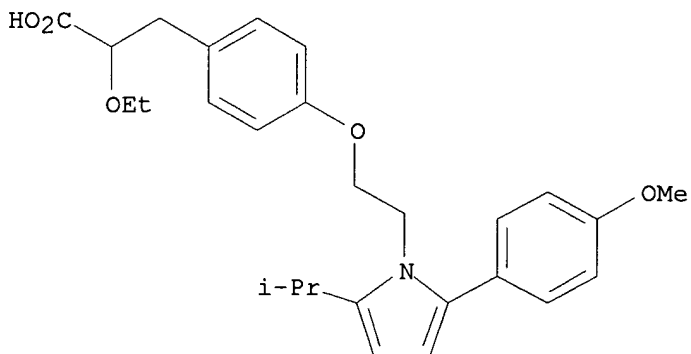
Rotation (+).



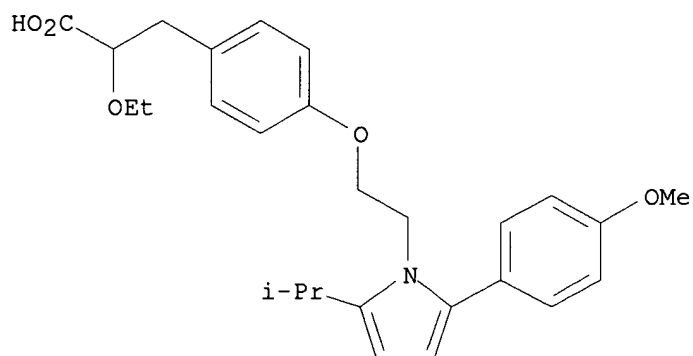
RN 351426-61-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

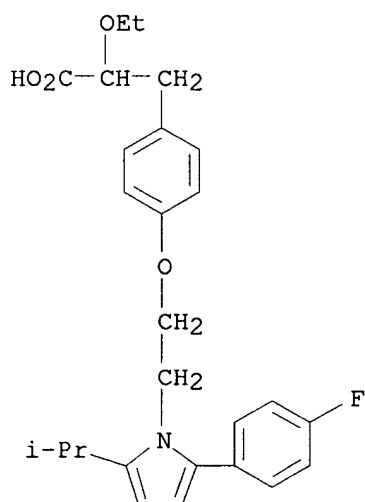


09928242



RN 351426-62-5 CAPLUS

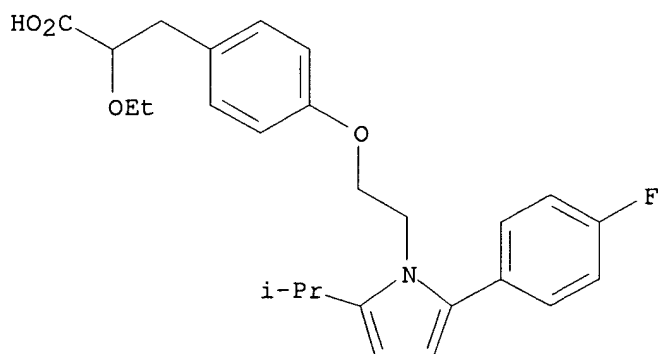
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



RN 351426-63-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

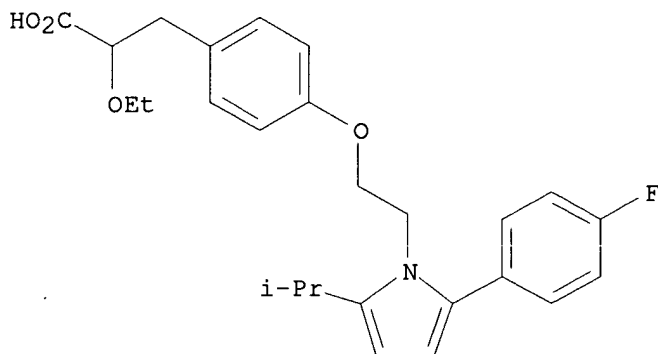


09928242

RN 351426-64-7 CAPLUS

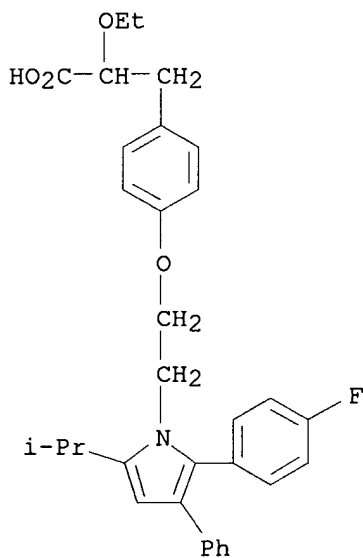
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



RN 351426-65-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)

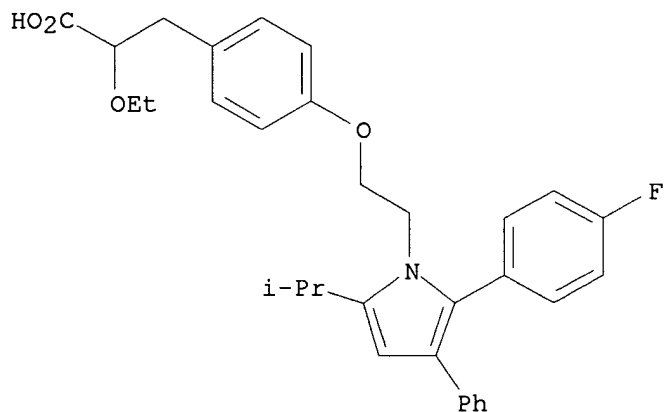


RN 351426-66-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

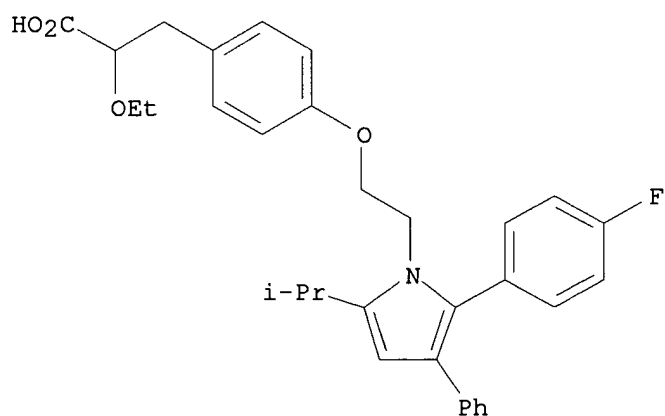
09928242



RN 351426-67-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

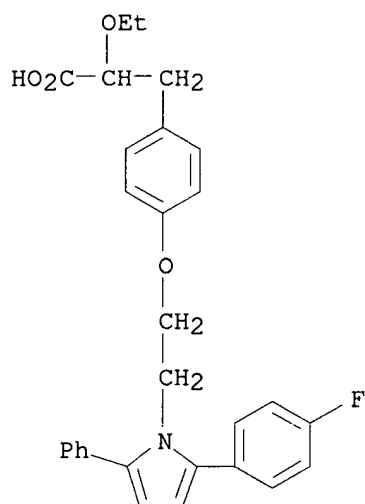
Rotation (-).



RN 351426-68-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)

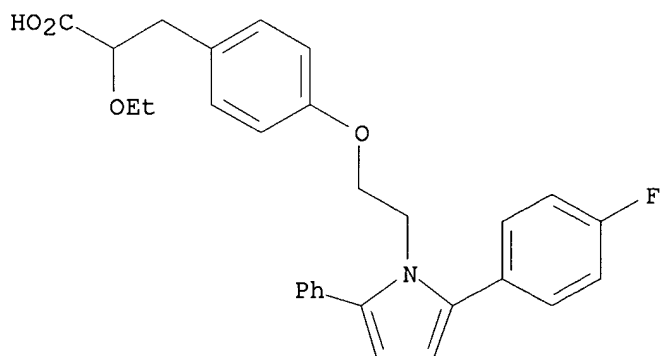
09928242



RN 351426-69-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

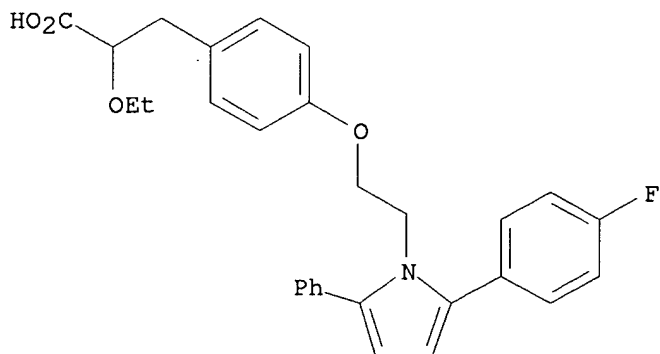
Rotation (+).



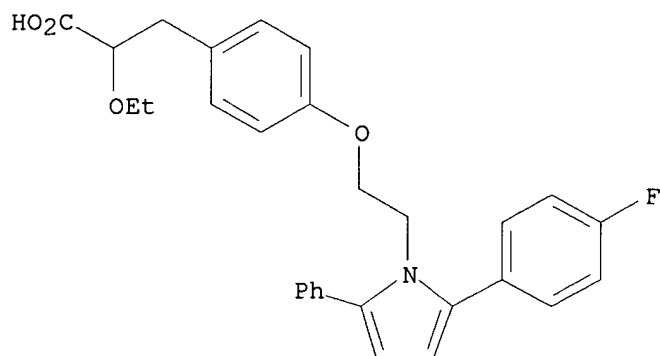
RN 351426-70-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

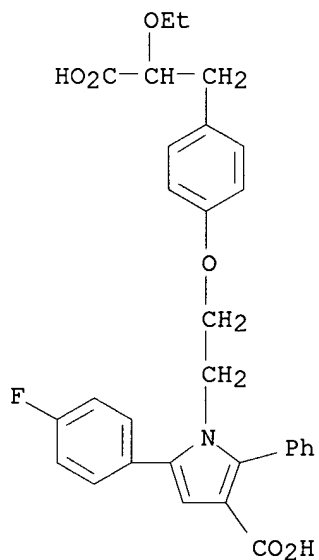


09928242



RN 351426-71-6 CAPLUS

CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl- (9CI) (CA INDEX NAME)

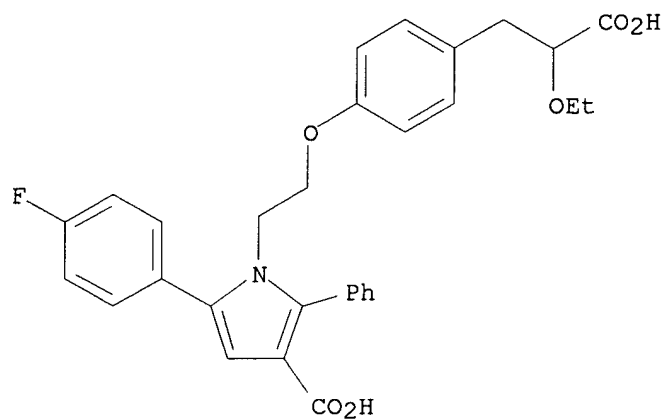


RN 351426-72-7 CAPLUS

CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

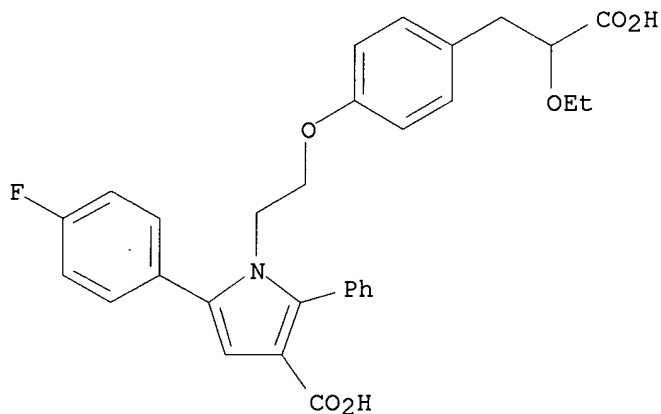
09928242



RN 351426-73-8 CAPLUS

CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (-)- (9CI) (CA INDEX NAME)

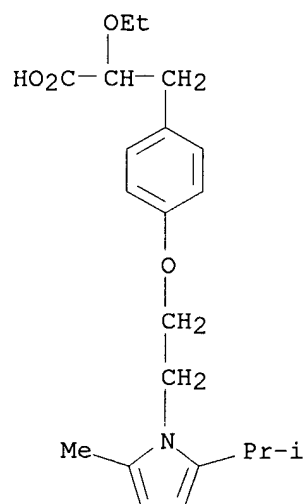
Rotation (-).



RN 351426-74-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)

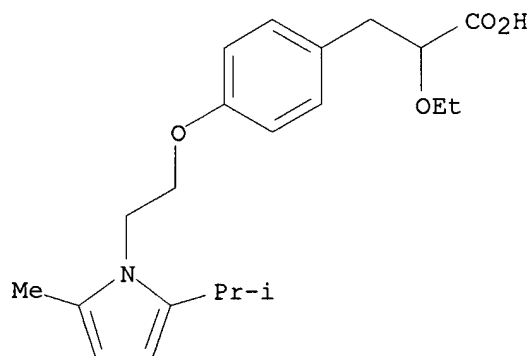
09928242



RN 351426-75-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

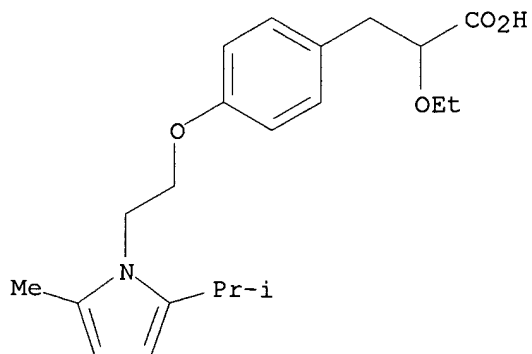
Rotation (+).



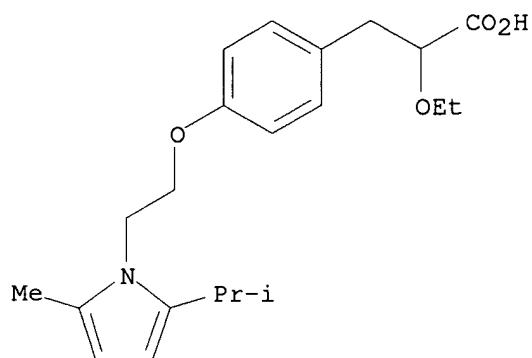
RN 351426-76-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

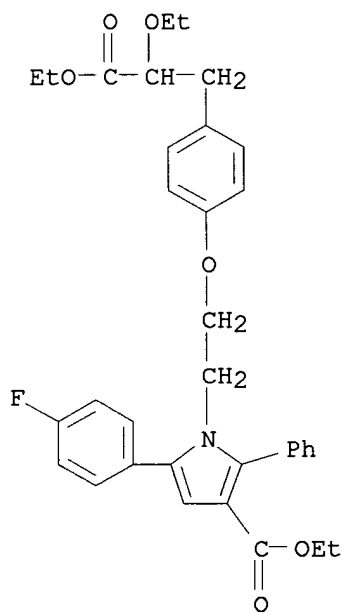


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RN 351426-77-2 CAPLUS

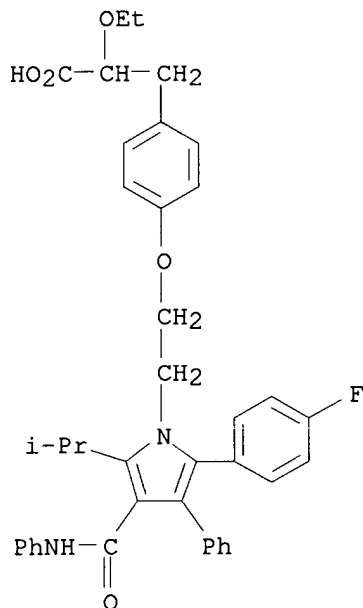
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, ethyl ester (9CI)
(CA INDEX NAME)



RN 351426-78-3 CAPLUS

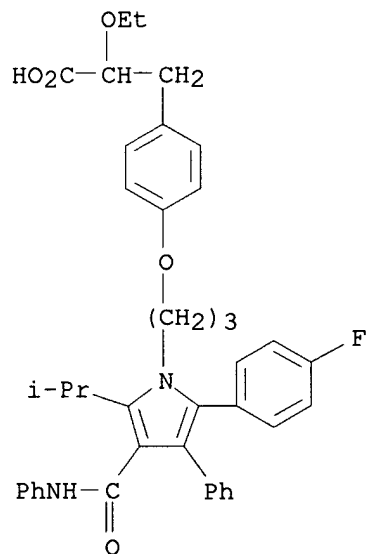
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)

09928242



RN 351426-79-4 CAPLUS

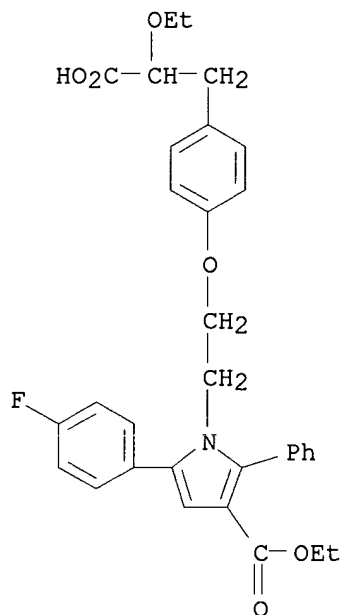
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino) carbonyl]-1H-pyrrol-1-yl]propoxy]- (9CI) (CA INDEX NAME)



RN 351426-80-7 CAPLUS

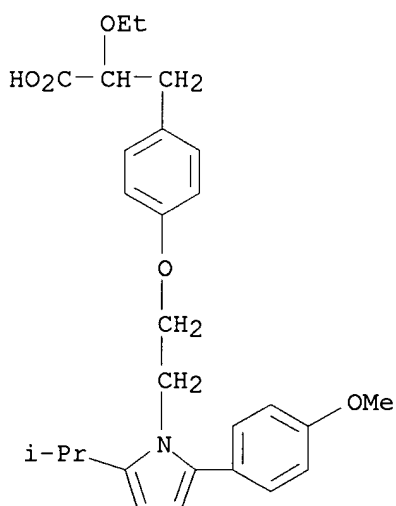
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, 3-ethyl ester (9CI) (CA INDEX NAME)

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RN 351426-81-8 CAPLUS

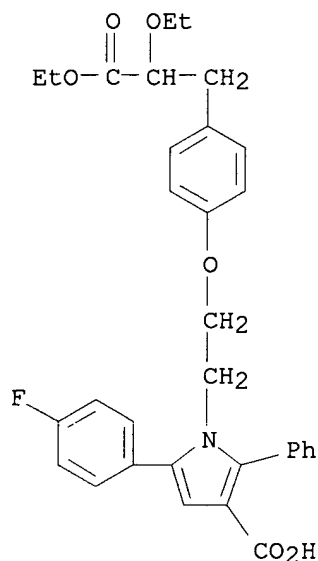
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, sodium salt (9CI) (CA INDEX NAME)



● Na

RN 351427-20-8 CAPLUS

CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl- (9CI) (CA INDEX NAME)



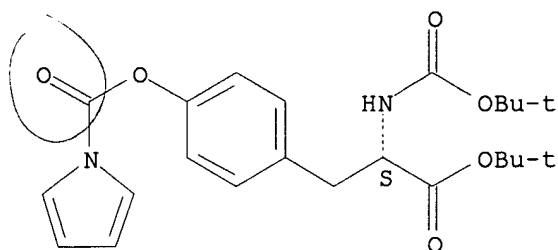
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:418850 CAPLUS
 DOCUMENT NUMBER: 134:367190
 TITLE: Preparation of N-aroyl amino acids as cell adhesion inhibitors
 INVENTOR(S): Chang, Linda L.; Delaszlo, Stephen E.; Hagmann, William K.; Kamenecka, Theodore M.
 PATENT ASSIGNEE(S): Merck & Co Inc., USA
 SOURCE: Brit. UK Pat. Appl., 56 pp.
 CODEN: BAXXDU
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2354440	A1	20010328	GB 2000-17279	20000714

PRIORITY APPLN. INFO.: US 1999-144772P P 19990720
 OTHER SOURCE(S): MARPAT 134:367190
 AB N-aroyl amino acids R1CONR2CR3(X-R4)-Y-CO2H [R1 = aryl, heteroaryl; R2 = H, C1-10alkyl, C2-10alkenyl or -alkynyl, C3-7cycloalkyl, aryl, heteroaryl; R3 = H, C1-10alkyl, C2-10alkenyl or -alkynyl, aryl; R4 = Ph, or 4-substituted phenyl; X, Y = bond or C1-2alkylene] were prepd. as cell adhesion inhibitors. Thus, N-acyl-4-(2-cyanophenyl)-L-phenylalanine (acyl = benzoyl, 2- or 3-furoyl, 2-, 3-, or 4-furoyl, 2-picolinoyl) were prepd. by the solid-phase method. Pharmaceutical compns. contg. N-aroyl amino acids are described.
 IT **340291-42-1P 340291-43-2P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of N-aroyl amino acids as cell adhesion inhibitors)
 RN 340291-42-1 CAPLUS
 CN L-Tyrosine, N-[(1,1-dimethylethoxy)carbonyl]-, 1,1-dimethylethyl ester, 1H-pyrrole-1-carboxylate (ester) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

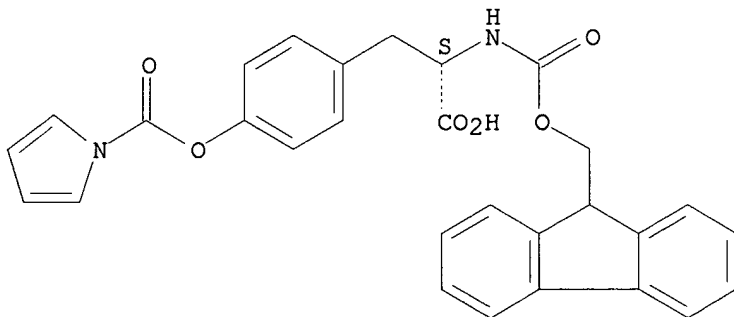
09928242



RN 340291-43-2 CAPLUS

CN L-Tyrosine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 1H-pyrrole-1-carboxylate (ester) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:237851 CAPLUS

DOCUMENT NUMBER: 134:252261

TITLE: Preparation of heterocyclylcarbonylamino-modified phenylpropanes and their use as integrin VLA-4 binding inhibitors

INVENTOR(S): Yokota, Masaki; Nagashima, Shinya; Sugane, Takashi; Igarashi, Susumu; Moridaira, Koichiro; Miura, Ayanori; Ikeda, Masaru; Takeuchi, Makoto

PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001089448	A2	20010403	JP 1999-271096	19990924

OTHER SOURCE(S): MARPAT 134:252261

AB 4-RcCH₂CONRdC₆H₄CH(NReCORb)CH₂CO₂Ra [Ra = H, ester residue (prodrug); Rb = morpholino, 2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl; Rc = (un)substituted (hetero)aryl; Rd, Re = H, lower alky], useful for treatment of asthma, allergy, rheumatoid arthritis, autoimmune disease, rejection, inflammation, arteriosclerosis, cancer metastasis, diabetes, etc., are prepd. Thus, a soln. of 5-methoxyindoleacetic acid and Et (RS)-3-(4-aminophenyl)-3-[(morpholine-4-carbonyl)amino]propanoate in DMF

was treated with WSC.HCl and HOBt at room temp. for 20 h to give the corresponding amide.

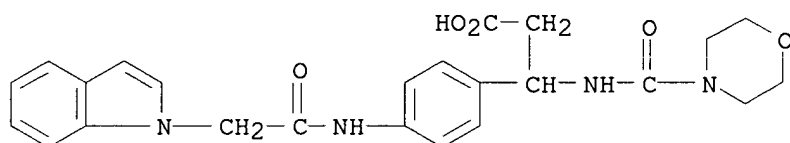
IT 331681-27-7P 331681-29-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of heterocyclylcarbonylamino-modified phenylpropanes as integrin VLA-4 binding inhibitors for treatment of diseases)

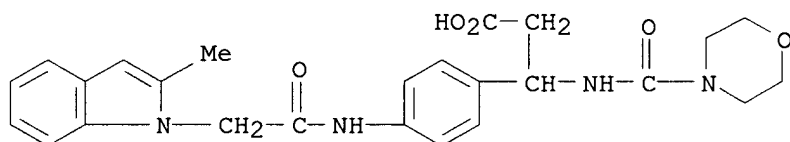
RN 331681-27-7 CAPLUS

CN Benzenepropanoic acid, 4-[(1H-indol-1-ylacetyl)amino]-.beta.-[(4-morpholinylcarbonyl)amino]- (9CI) (CA INDEX NAME)



RN 331681-29-9 CAPLUS

CN Benzenepropanoic acid, 4-[[[(2-methyl-1H-indol-1-yl)acetyl]amino]-.beta.-[(4-morpholinylcarbonyl)amino]- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:873308 CAPLUS

DOCUMENT NUMBER: 134:41915

TITLE: Preparation of 3-Aromatic-substituted propionic acid or acrylic acid derivatives as antidiabetics

INVENTOR(S): Kitajima, Hiroshi; Nakamura, Koji; Tamagawa, Hiroki

PATENT ASSIGNEE(S): Wellfide K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 94 pp.

CODEN: JKXXAF

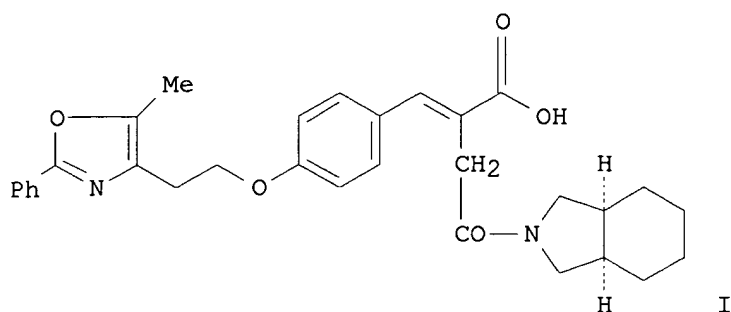
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000344748	A2	20001212	JP 2000-89964	20000328
PRIORITY APPLN. INFO.:			JP 1999-87308	A 19990329
OTHER SOURCE(S):	MARPAT 134:41915			
GI				



AB Title compds. [ZY(CH₂)_nXArCRR₁CR₂(ACOR₄)CO₂R₃; R = H, alkyl; R₁R₂ independently = H, alkyl; R₃ = H, alkyl; R₄ = NH₂, alkylamino, cycloalkylamino; A = CH₂, NH, alkylamino; Ar = aryl, heterocyclyl; X = bond, NH, alkylamino, S, SO, SO₂, CONR₅, NR₆CO; R₅ = H, alkyl; R₆ = alkyl, H; n = 1, 2, 3, 4, 5; Y = bond, NH, alkyl, S, SO, SO₂, CONH; Z = pyridyl, benzimidazolyl, benzoxazolyl, oxazolyl, thiazolyl, benzothiazolyl] and pharmaceutical salts are prepd. as antidiabetics which promote insulin secretion and improve action toward insulin resistant. Thus, the title compd. I was prepd. and tested.

IT **312690-22-5P**

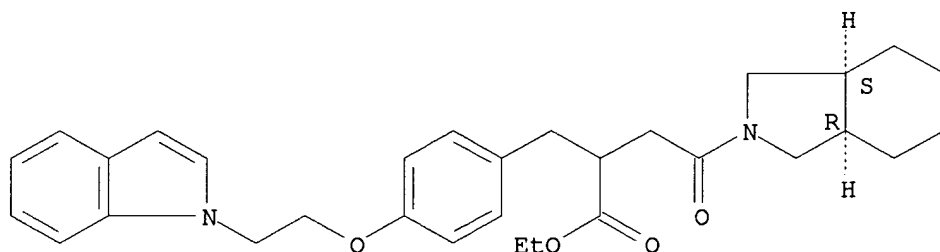
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of arom. substituted propionic acid or acrylic acid derivs. as antidiabetics)

RN 312690-22-5 CAPLUS

CN 2H-Isoindole-2-butanoic acid, octahydro-.alpha.-[[4-[2-(1H-indol-1-yl)ethoxy]phenyl]methyl]-.gamma.-oxo-, ethyl ester, (3aR,7aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT **312688-77-0P**

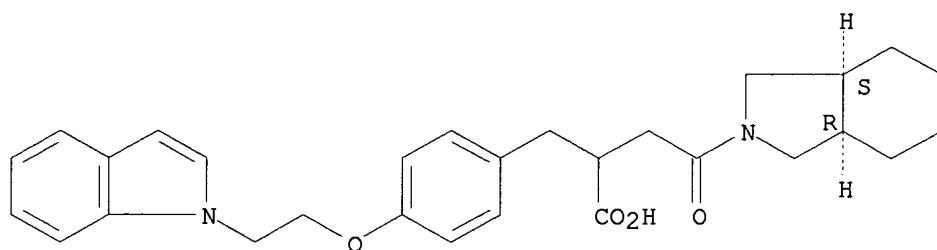
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arom. substituted propionic acid or acrylic acid derivs. as antidiabetics)

RN 312688-77-0 CAPLUS

CN 2H-Isoindole-2-butanoic acid, octahydro-.alpha.-[[4-[2-(1H-indol-1-yl)ethoxy]phenyl]methyl]-.gamma.-oxo-, (3aR,7aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:756707 CAPLUS

DOCUMENT NUMBER: 133:321874

TITLE: Preparation of malonic acid derivatives useful in the treatment and/or prevention of conditions mediated by Peroxisome Proliferator-Activated Receptors

INVENTOR(S): Jeppesen, Lone; Sauerberg, Per; Murray, Anthony; Bury, Paul Stanley

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

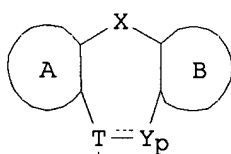
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063209	A1	20001026	WO 2000-DK191	20000417
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1171438	A1	20020116	EP 2000-918726	20000417
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 2002010171	A1	20020124	US 2001-878670	20010611
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			DK 1999-535	A 19990420
			WO 2000-DK191	W 20000417
			US 2000-551497	A1 20000418

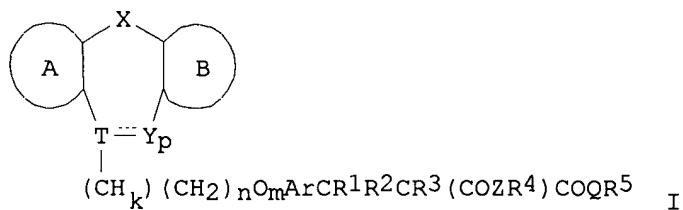
OTHER SOURCE(S): MARPAT 133:321874

GI



$$(CH_k)(CH_2)_nO_mArCR^1R^2CR^3(COZR^4)COQR^5$$

I



AB The title compds. I [ring A and ring B, fused to the ring contg. X and T, independently of each other represents a 5-6 membered cyclic ring, optionally substituted; T is N or CR₁₄; Y is C, O, S, CO, SO, SO₂, NR₁₁; k = 1, 2; Ar = arylene, heteroarylene, divalent heterocyclic group; R₁ = H, OH, halo, alkoxy, etc.; R₂ = H, OH, alkyl, alkynyl, etc.; R₃ = H, OH, alkyl, etc.; R₄ = H, alkenyl, aryl, etc.; R₅ = H, alkyl, heteroaryl, etc.; Z = O, NR₁₂; Q = O, NR₁₃; n = 0-3; m = 0-1; p = 0-1], useful in the treatment and/or prevention of conditions mediated by nuclear receptors, in particular the Peroxisome Proliferator-Activated Receptors (PPAR), were prepd. E.g., 2-[4-(2-β-carbolin-9-yl-ethoxy)benzyl]malonic acid hydrochloride was prepd.

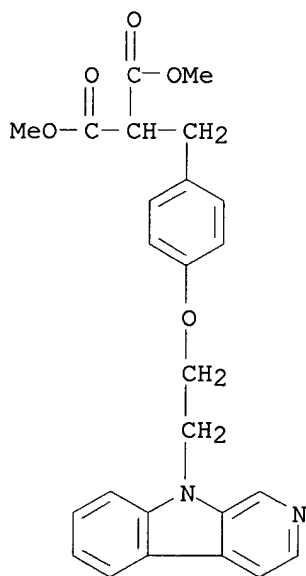
IT **302589-14-6P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of malonic acid derivs. useful in the treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors)

RN 302589-14-6 CAPLUS

CN Propanedioic acid, [[4-[2-(9H-pyrido[3,4-b]indol-9-yl)ethoxy]phenyl]methyl]-, dimethyl ester (9CI) (CA INDEX NAME)



IT **302589-15-7P 302589-17-9P 302589-18-0P**

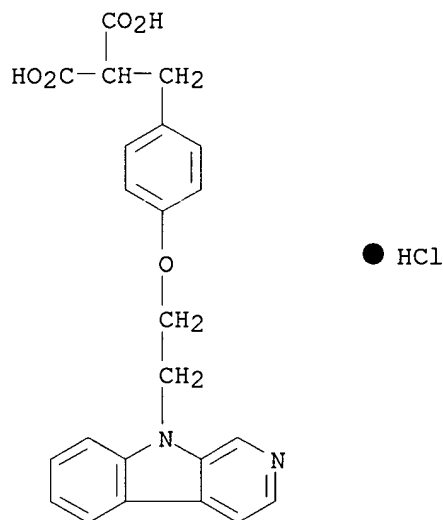
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

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(prepn. of malonic acid derivs. useful in the treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors)

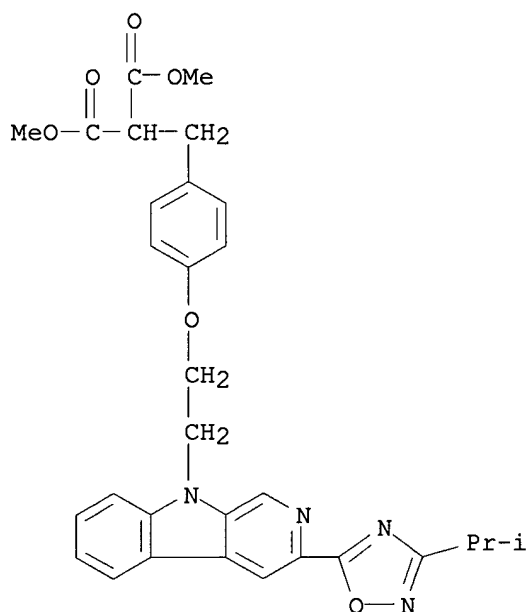
RN 302589-15-7 CAPLUS

CN Propanedioic acid, [[4-[2-(9H-pyrido[3,4-b]indol-9-yl)ethoxy]phenyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



RN 302589-17-9 CAPLUS

CN Propanedioic acid, [[4-[2-[3-[3-(1-methylethyl)-1,2,4-oxadiazol-5-yl]-9H-pyrido[3,4-b]indol-9-yl]ethoxy]phenyl]methyl]-, dimethyl ester (9CI) (CA INDEX NAME)

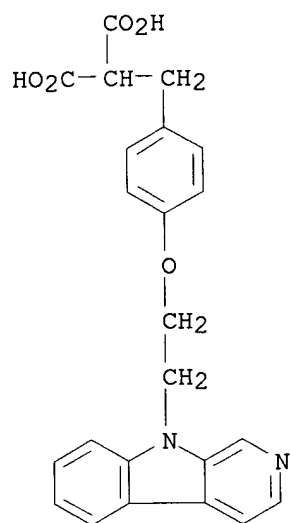


RN 302589-18-0 CAPLUS

CN Propanedioic acid, [[4-[2-(9H-pyrido[3,4-b]indol-9-

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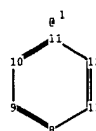
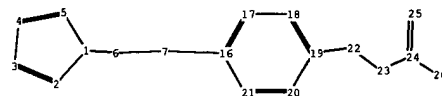
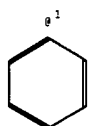
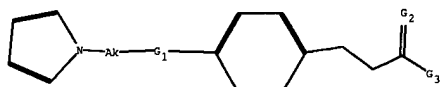
yl)ethoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

11

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



chain nodes :

6 7 22 23 24 25 26

ring nodes :

1 2 3 4 5 8 9 10 11 12 13 16 17 18 19 20 21

chain bonds :

1-6 6-7 7-16 19-22 22-23 23-24 24-25 24-26

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13 16-17
16-21 17-18 18-19 19-20 20-21

exact/norm bonds :

1-2 1-5 1-6 2-3 3-4 4-5 6-7 7-16 24-25 24-26

exact bonds :

19-22 22-23 23-24

normalized bonds :

8-9 8-13 9-10 10-11 11-12 12-13 16-17 16-21 17-18 18-19 19-20
20-21

G1:C,O,S,N, [*1]

G2:O,S

G3:O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom

21:Atom 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS

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NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

09928242

specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:54:54 ON 21 NOV 2002

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:55:20 ON 21 NOV 2002

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2

DICTIONARY FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d

ENTER NAME OF ITEM TO BE DISPLAYED OR (?):

Uploading

'UPLOAD' IS NOT VALID HERE

For an explanation, enter "HELP DISPLAY".

=> 09928242.str

For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=>

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

09928242

=>

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>

Uploading 09928242.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 14:55:57 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9083 TO ITERATE

11.0% PROCESSED 1000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 175954 TO 187366

PROJECTED ANSWERS: 1 TO 361

L2 1 SEA SSS SAM L1

=>

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

12.54

12.75

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FILE 'CAPLUS' ENTERED AT 15:14:55 ON 21 NOV 2002
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FILE COVERS 1907 - 21 Nov 2002 VOL 137 ISS 21
FILE LAST UPDATED: 20 Nov 2002 (20021120/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l2 full

L3 1 L2

=> d l3 ibib abs hitstr

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:277989 CAPLUS

DOCUMENT NUMBER: 132:313703

TITLE: Heterocyclic condensed ring compounds in treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors.

INVENTOR(S): Jeppesen, Lone; Bury, Paul Stanley; Sauerberg, Per

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.; Reddy's Research Foundation

SOURCE: PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000023451	A1	20000427	WO 1999-DK573	19991019
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9963257	A1	20000508	AU 1999-63257	19991019

09928242

EP 1123297 A1 20010816 EP 1999-950503 19991019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
US 6365586 B1 20020402 US 1999-420347 19991019
JP 2002527520 T2 20020827 JP 2000-577177 19991019
US 2002055502 A1 20020509 US 2001-994986 20011127
US 2002061876 A1 20020523 US 2001-995177 20011127
US 2002061880 A1 20020523 US 2001-995324 20011127
US 2002065267 A1 20020530 US 2001-994971 20011127
US 2002065268 A1 20020530 US 2001-995137 20011127
PRIORITY APPLN. INFO.: DK 1998-1354 A 19981021
US 1998-105913P P 19981021
US 1999-420347 A3 19991019
WO 1999-DK573 W 19991019

OTHER SOURCE(S): MARPAT 132:313703

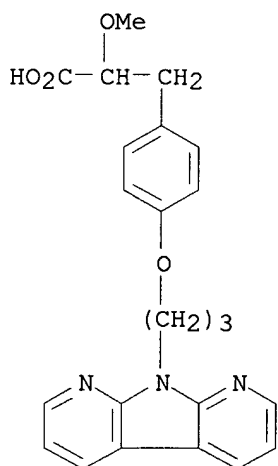
AB Heterocyclic arom. compds. such as 3-[4-[2-(8,9-dihydro-3,5-dithia-4-azacyclopenta{f}azulen-4-yl)ethoxy]phenyl]-2-ethoxypropionic acid are useful in the treatment and/or prevention of conditions mediated by nuclear receptors, in particular the Peroxisome Proliferator-Activated Receptors (PPAR).

IT **265318-44-3**

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(heterocyclic condensed ring compds. in treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors)

RN 265318-44-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-methoxy-4-[3-(9H-pyrrolo[2,3-b:5,4-b']dipyridin-9-yl)propoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT